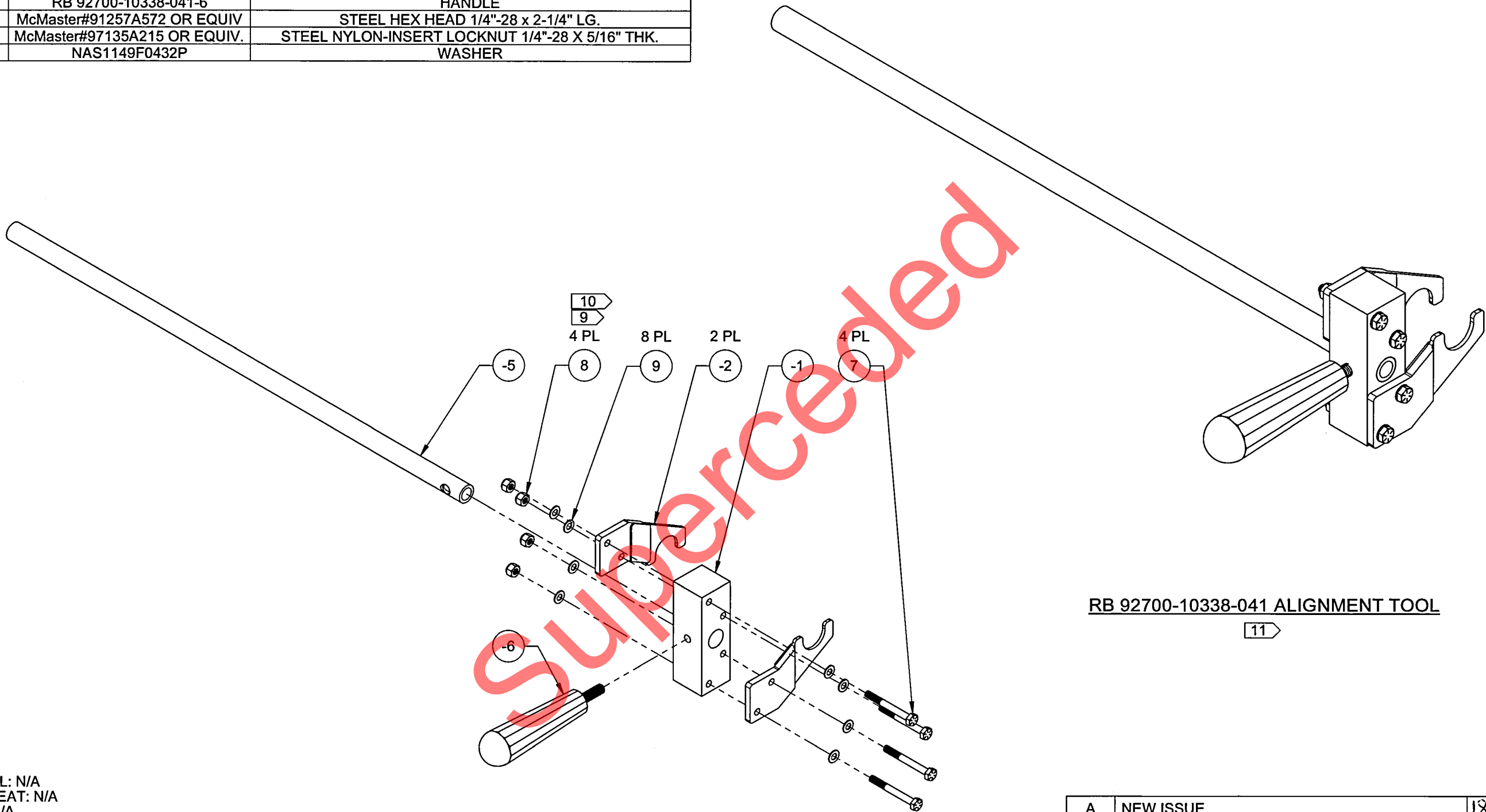


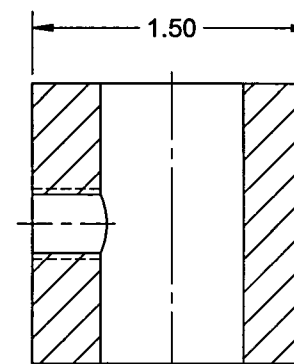
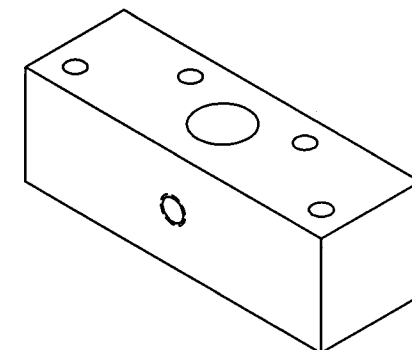
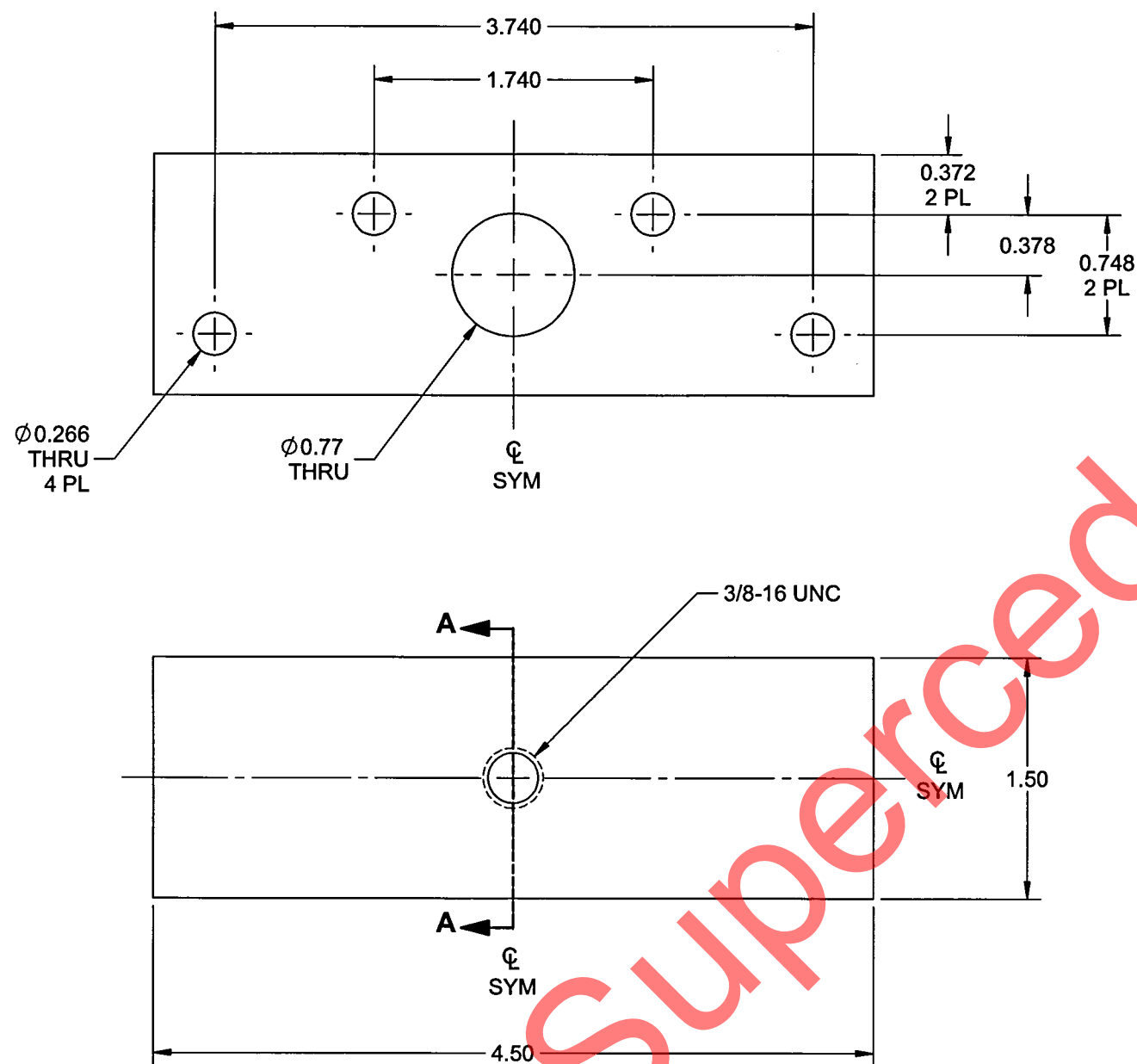
ITEM #	QTY	PART #	PART TITLE
-1	1	RB 92700-10338-041-1	BASE
-2	2	RB 92700-10338-041-2	ARM ASSY
-5	1	RB 92700-10338-041-5	BAR
-6	1	RB 92700-10338-041-6	HANDLE
7	4	McMaster#91257A572 OR EQUIV	STEEL HEX HEAD 1/4"-28 x 2-1/4" LG.
8	4	McMaster#97135A215 OR EQUIV.	STEEL NYLON-INSERT LOCKNUT 1/4"-28 X 5/16" THK.
9	8	NAS1149F0432P	WASHER



RB 92700-10338-041 ALIGNMENT TOOL

- NOTES:
- 1) MATERIAL: N/A
 - 2) HEAT TREAT: N/A
 - 3) FINISH: N/A
 - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) BREAK SHARP EDGES: N/A
 - 7) IDENTIFICATION: N/A
 - 8) ASSEMBLE AS SHOWN
 - 9) APPLY RED THREADLOCKER LOCTITE 263/262 ON THREADS OF ITEMS 8 THEN ASSEMBLE WITH ITEMS 7 AND REMOVE EXCESS
 - 10) INSTALL ITEMS 8 WITH A TORQUE OF 65-90 IN/LBS
 - 11) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

A	NEW ISSUE	18-624	KPT
REV.	DESCRIPTION	ECN #	BY
DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	VM	TOOL PART #	REV. A
MFG. APPR.	DP	RB 92700-10338-041	SHEET 1 OF 7
APPROVED	VY	TITLE	SCALE
DATE 9/11/2018		ALIGNMENT TOOL	NTS
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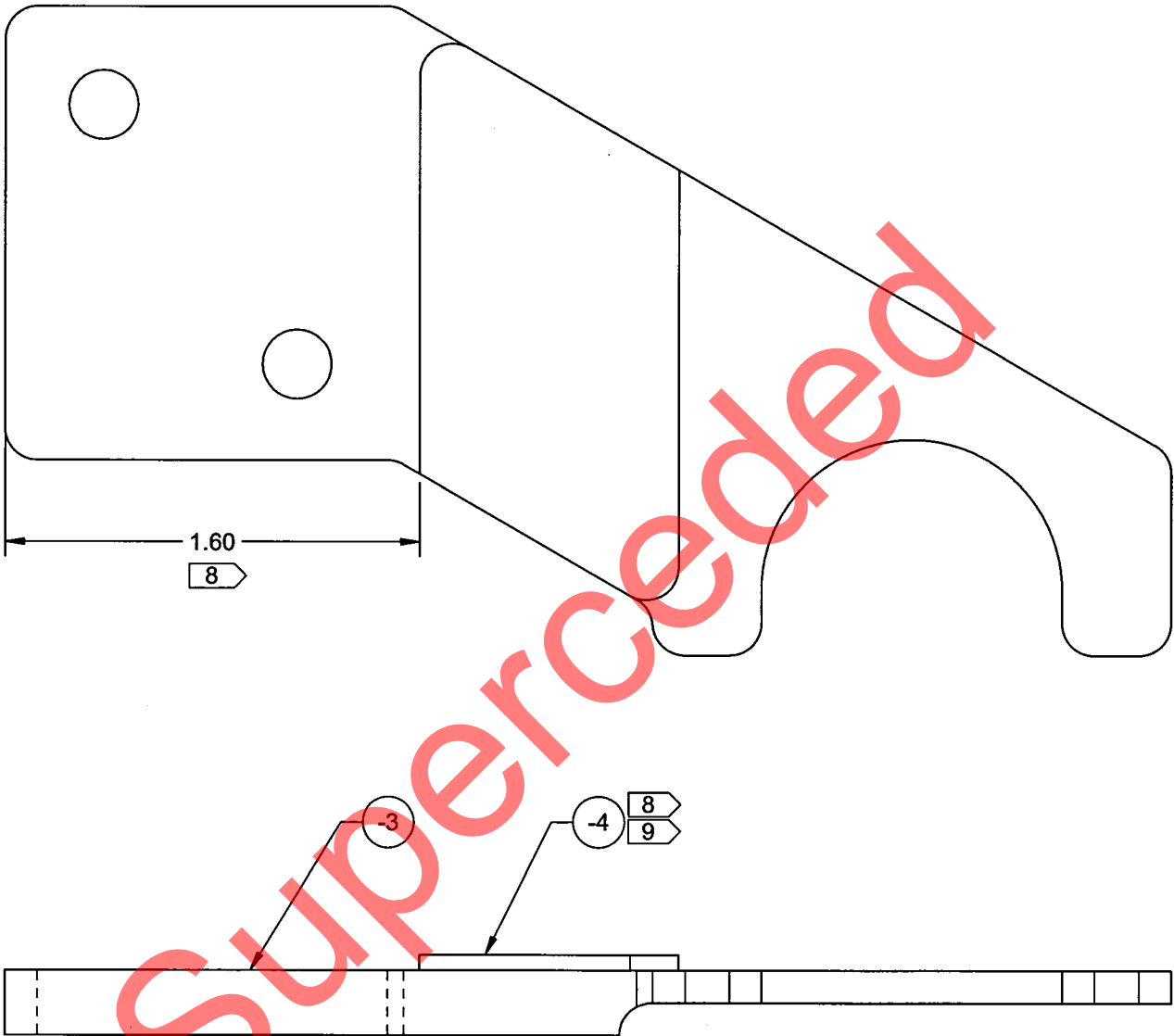
SECTION A-A

RB 92700-10338-041-1 BASE

- NOTES:
- 1) MATERIAL: 4140/4142 (28-32 RC)
 - 2) HEAT TREAT: N/A
 - 3) FINISH: BLACK OXIDE PER MIL-C-13924 CLASS 1 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS
 - 4) TOLERANCES: X.X = $\pm 0.1"$ / $\pm 1^\circ$
X.XX = $\pm 0.01"$ / $\pm 0.5^\circ$
X.XXX = $\pm 0.005"$ / $\pm 0.1^\circ$
X.XXXX = $\pm 0.0005"$ / $\pm 0.05^\circ$
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = $\pm 0.005"$
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) BREAK SHARP EDGES: 0.005" TO 0.010"
 - 7) IDENTIFICATION: N/A

DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	VM	TOOL PART #	REV. A
MFG. APPR.	DP	RB 92700-10338-041	SHEET 2 OF 7
APPROVED	VM	TITLE	SCALE
DATE 9/11/2018		ALIGNMENT TOOL	NTS
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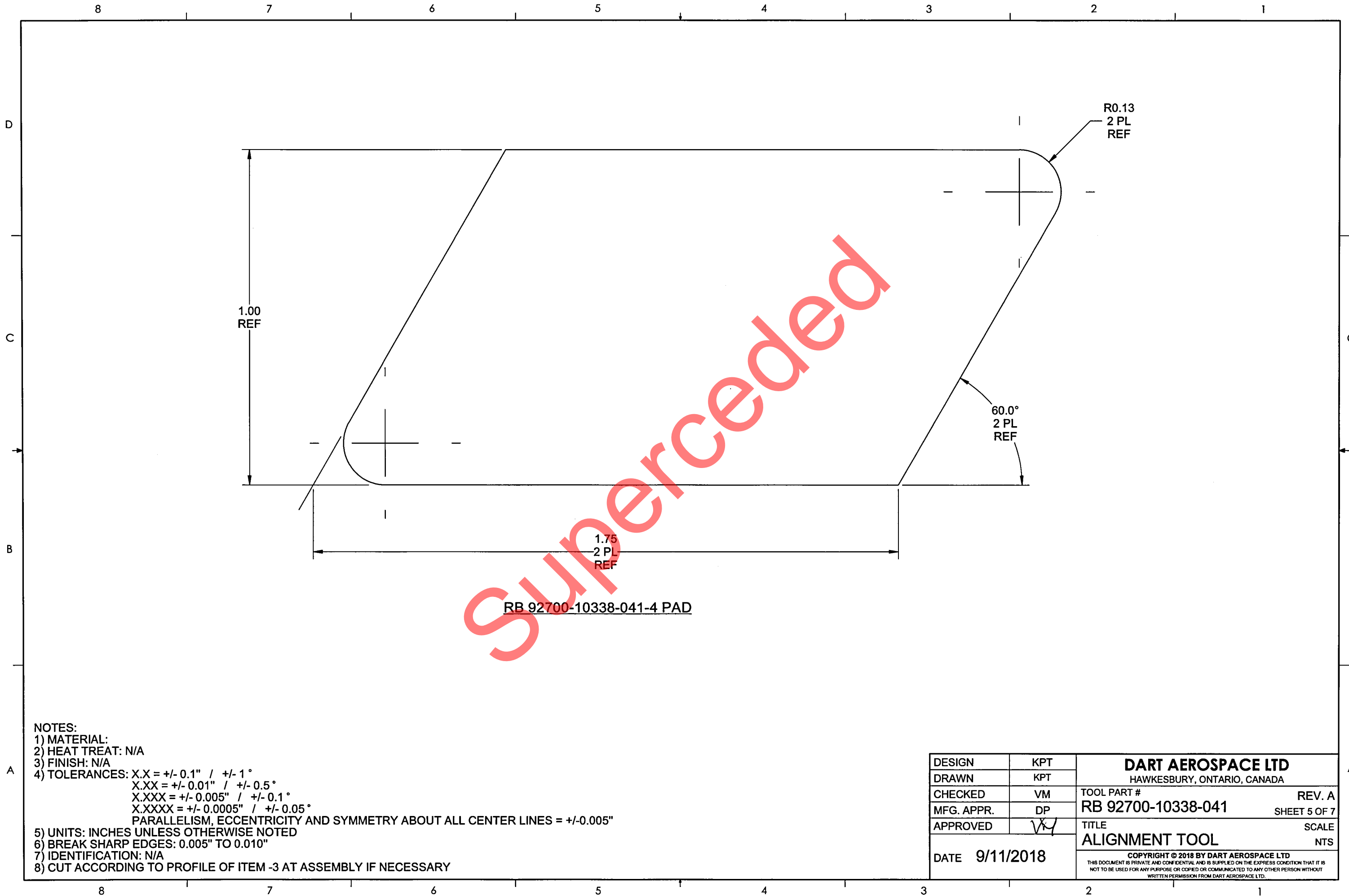
ITEM #	QTY	PART #	PART TITLE
-3	1	RB 92700-10338-041-3	ARM
-4	1	RB 92700-10338-041-4	PAD



RB 92700-10338-041-2 ARM ASSY

- NOTES:
- 1) MATERIAL: N/A
 - 2) HEAT TREAT: N/A
 - 3) FINISH: N/A
 - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) BREAK SHARP EDGES: N/A
 - 7) IDENTIFICATION: N/A
 - 8) ASSEMBLE ITEM -4 ADHESIVE SIDE ONTO SURFACE OF ITEM -3 AS SHOWN AND CUT EXCESS IF NECESSARY
 - 9) APPLY LOCTITE 495 BETWEEN THE SURFACES OF ITEM -4 AND ITEM -3 IF NECESSARY, AND REMOVE EXCESS

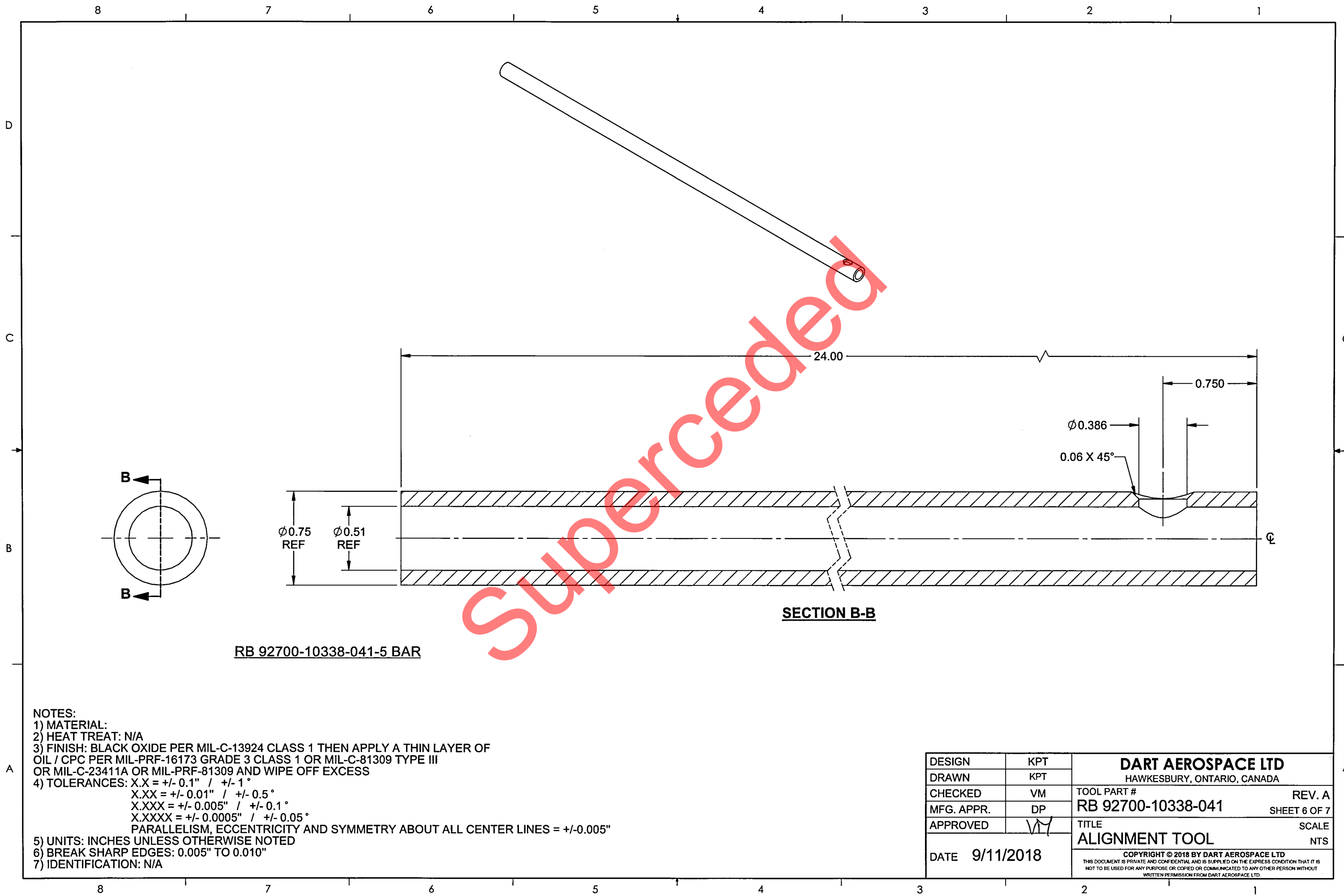
DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	VM	TOOL PART #	REV. A
MFG. APPR.	DP	RB 92700-10338-041	SHEET 3 OF 7
APPROVED	VH	TITLE	SCALE
DATE 9/11/2018		ALIGNMENT TOOL	NTS
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RB 92700-10338-041-4 PAD

- NOTES:
- 1) MATERIAL:
 - 2) HEAT TREAT: N/A
 - 3) FINISH: N/A
 - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) BREAK SHARP EDGES: 0.005" TO 0.010"
 - 7) IDENTIFICATION: N/A
 - 8) CUT ACCORDING TO PROFILE OF ITEM -3 AT ASSEMBLY IF NECESSARY

DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	VM	TOOL PART #	REV. A
MFG. APPR.	DP	RB 92700-10338-041	SHEET 5 OF 7
APPROVED	VM	TITLE	SCALE
DATE 9/11/2018		ALIGNMENT TOOL	NTS
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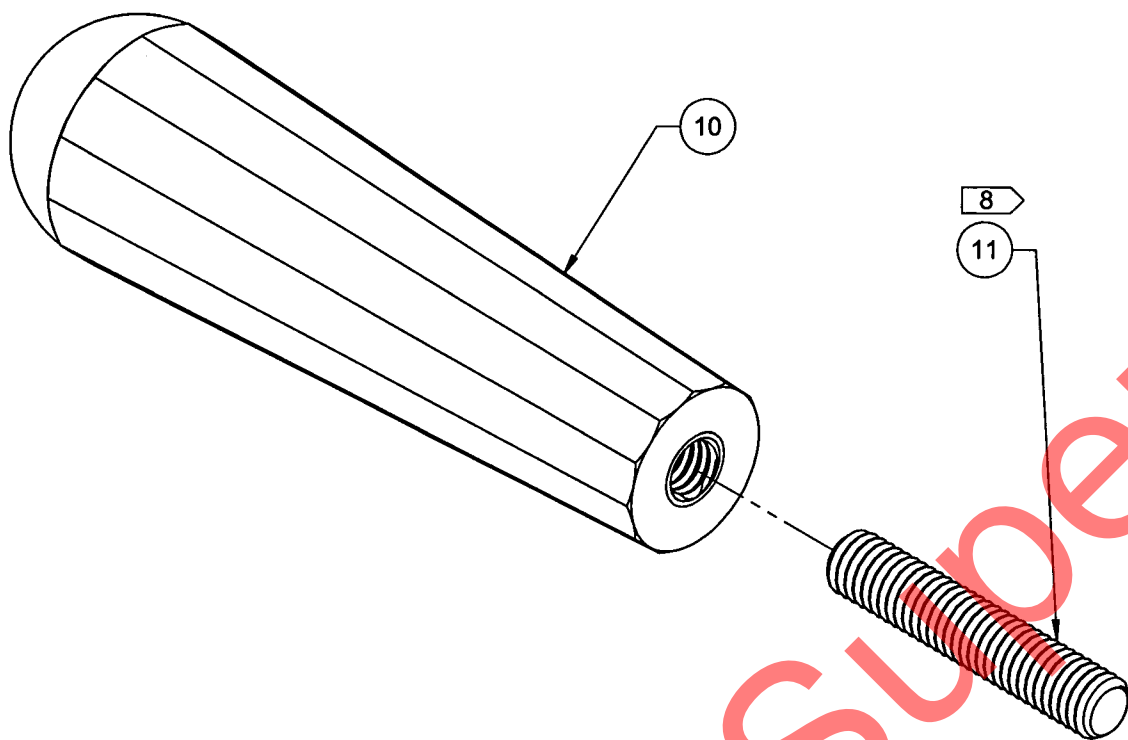
RB 92700-10338-041-5 BAR

SECTION B-B

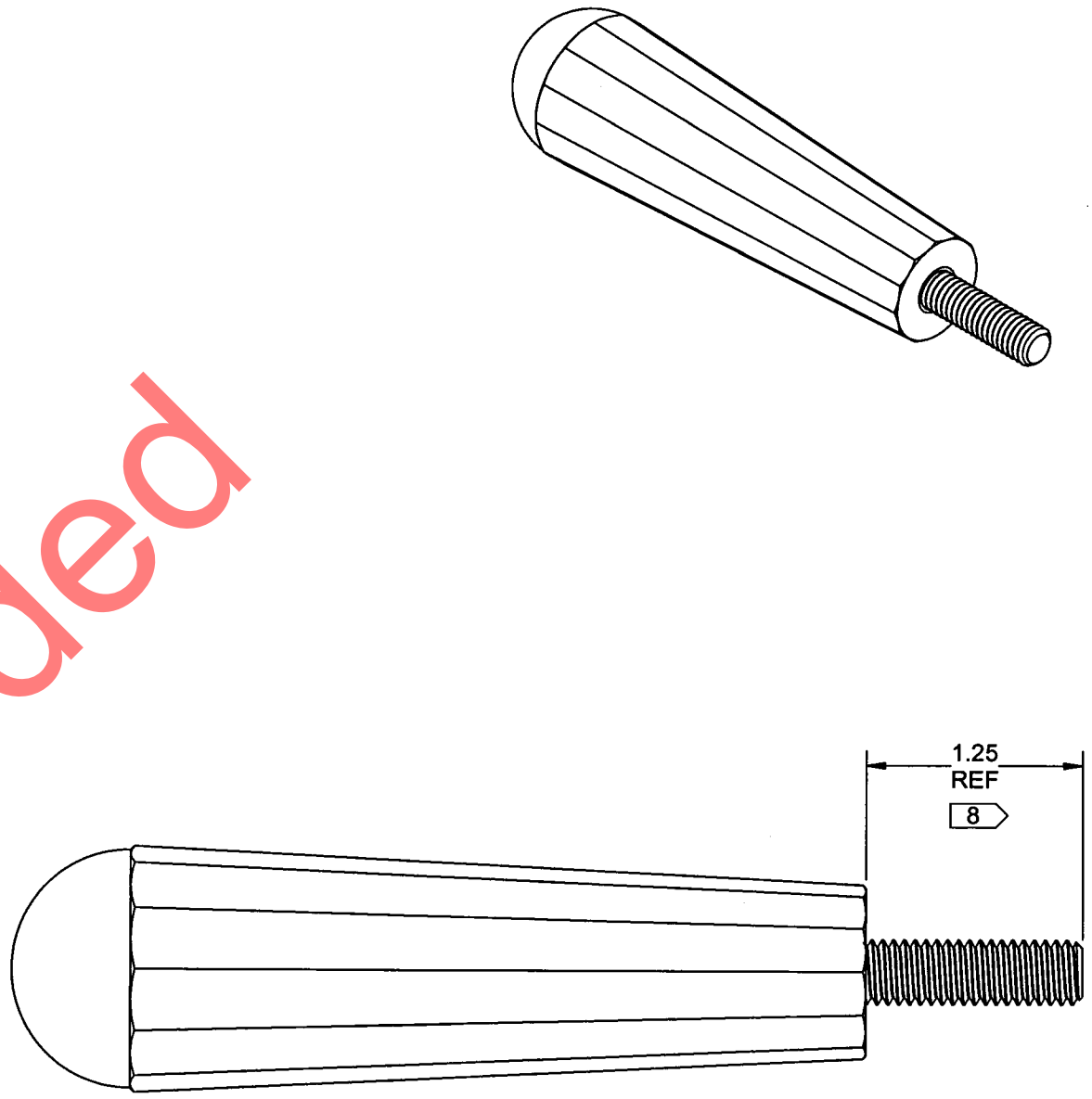
NOTES:
1) MATERIAL:
2) HEAT TREAT: N/A
3) FINISH: BLACK OXIDE PER MIL-C-13924 CLASS 1 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) BREAK SHARP EDGES: 0.005" TO 0.010"
7) IDENTIFICATION: N/A

DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	VM	TOOL PART #	REV. A
MFG. APPR.	DP	RB 92700-10338-041	SHEET 6 OF 7
APPROVED	W	TITLE	SCALE
DATE 9/11/2018		ALIGNMENT TOOL	NTS
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ITEM #	QTY	PART #	PART TITLE
10	1	McMaster#57455K470 OR EQUIV.	PLASTIC TAPERED HANDLE 3/8"-16 X 3/4" DEEP. X 4-15/16" LG.
11	1	McMaster#98758A648 OR EQUIV	STEEL THREADED ROD 3/8"-16 X 2"



RB 92700-10338-041-6 HANDLE



NOTES:
1) MATERIAL: N/A
2) HEAT TREAT: N/A
3) FINISH: N/A
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) BREAK SHARP EDGES: N/A
7) IDENTIFICATION: N/A
8) APPLY RED THREADLOCKER LOCTITE 263/262 ON THREADS OF ITEM 11 THEN ASSEMBLE WITH ITEM 10 AND REMOVE EXCESS

DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	VM	TOOL PART #	REV. A
MFG. APPR.	DP	RB 92700-10338-041	SHEET 7 OF 7
APPROVED	VM	TITLE	SCALE
DATE 9/11/2018		ALIGNMENT TOOL	NTS
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